

Position Description (PD) Template for Yucca Mountain Lead Lab Activities

Position Description Number	YM048	
Creation Date of PD	07/05/2006	
Job Title	Matrix Integration for Performance Confirmation	
SNL Dept Name	Performance Confirmation	
SNL Org Number (or TBD)	0685x	
Number of Openings	1	
Description of Position	<p>Matrix Integration</p> <p>This group is responsible for control of external participants to ensure that they implement appropriate procedures, protocol, QA, documentation such that a determination is readily available regarding the applicability, adequacy, and acceptability of their respective technical work to the license application and/or to performance confirmation. The outreach of this organization could include Nye and Inyo County, University Co-ops, the USGS and any other Yucca Mountain related test programs that are conducted outside the purview of the lead laboratory.</p> <p>The Principal Investigator for the particular off-site testing (that performed in lab-managed facilities, universities, etc.) is responsible for execution of the test, while the matrix function ensures that the work is relevant to PC. Regardless of the performing organization, a Principal Investigator or designee will review final test results against the technical and quality objectives identified in the test plan, and will be responsible to declare those results as ready for use by the project.</p>	
Required Skills & Experience	<p>Required Skills</p> <ul style="list-style-type: none"> Knowledge of YMP technical and Quality Assurance programs Good oral and written communication skills Engineering and technical skills to ascertain practicalities of proposed testing Knowledge of regulatory requirements for Performance Confirmation <p>Required Experience</p> <ul style="list-style-type: none"> Extensive experience in geological repository sciences Considerable QA experience in a regulatory environment Familiarity with the performance assessment process 	
Desired Skills & Experience (if applicable)		
Required Education (Degrees & Levels)	A BS degree in engineering, mathematics, physical or geological sciences is required.	
Desired Education (Degrees & Levels - if applicable)		
Full Time Position? (Y/N)	Y	
Job Requires lifting 35+ Pounds (Y/N)	N	
Desired Start Date	10/1/06	
Can this position accommodate...		
Part Time Employees? (Y/N)	Telecommuting? (Y/N)	Foreign Nationals? (Y/N)
N	N	N

Please Select All Related WBS Elements for this PD (required for distributing PDs to contract providers for sourcing)

WBS Elements of 1.5.01	Name	
1.5.01.01	Project Management	X
WBS Elements of 1.5.02		
1.5.02.06	License Defense	X
WBS Elements of 1.5.03		
1.5.03.11	Postclosure Safety Test Coordination-ESF Ops	X
1.5.03.12	Performance Confirmation Tests-Post Closure S	X
	Performance Confirmation and Experimental Strategy	X

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